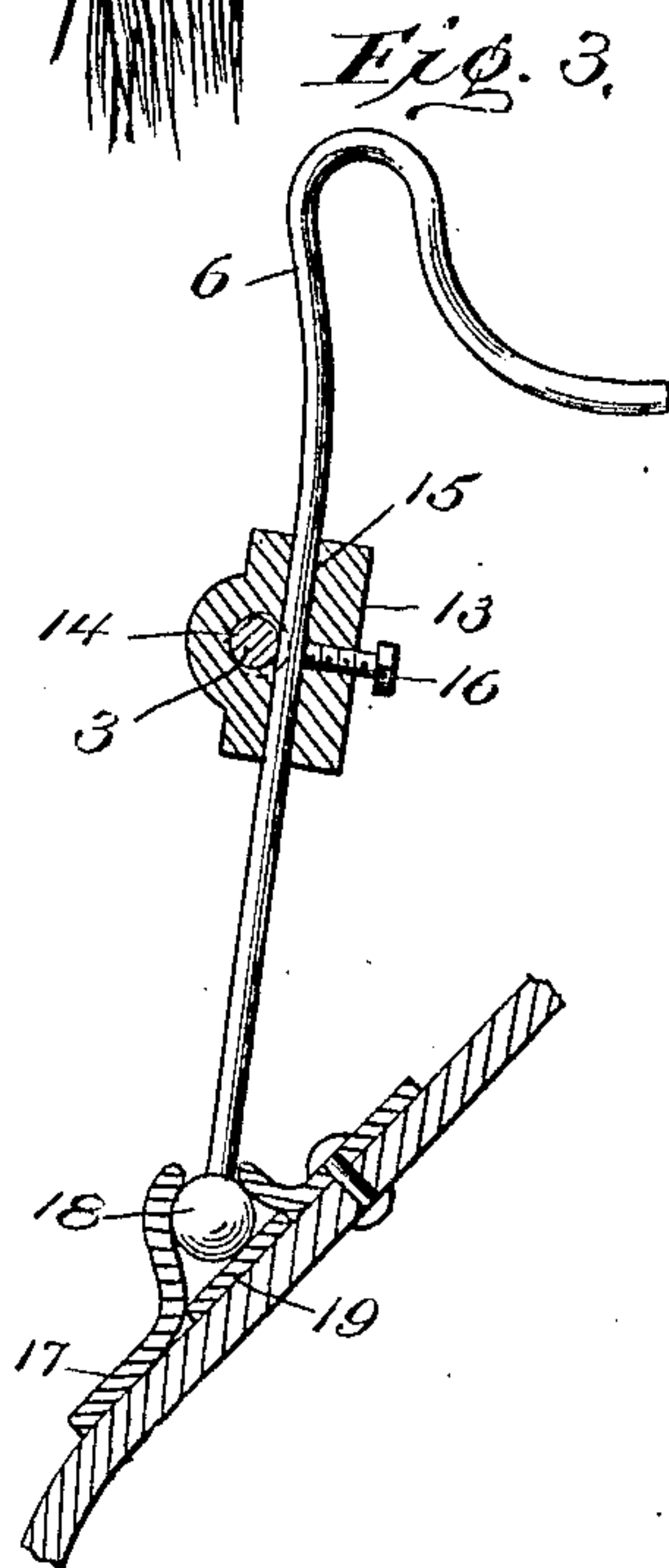
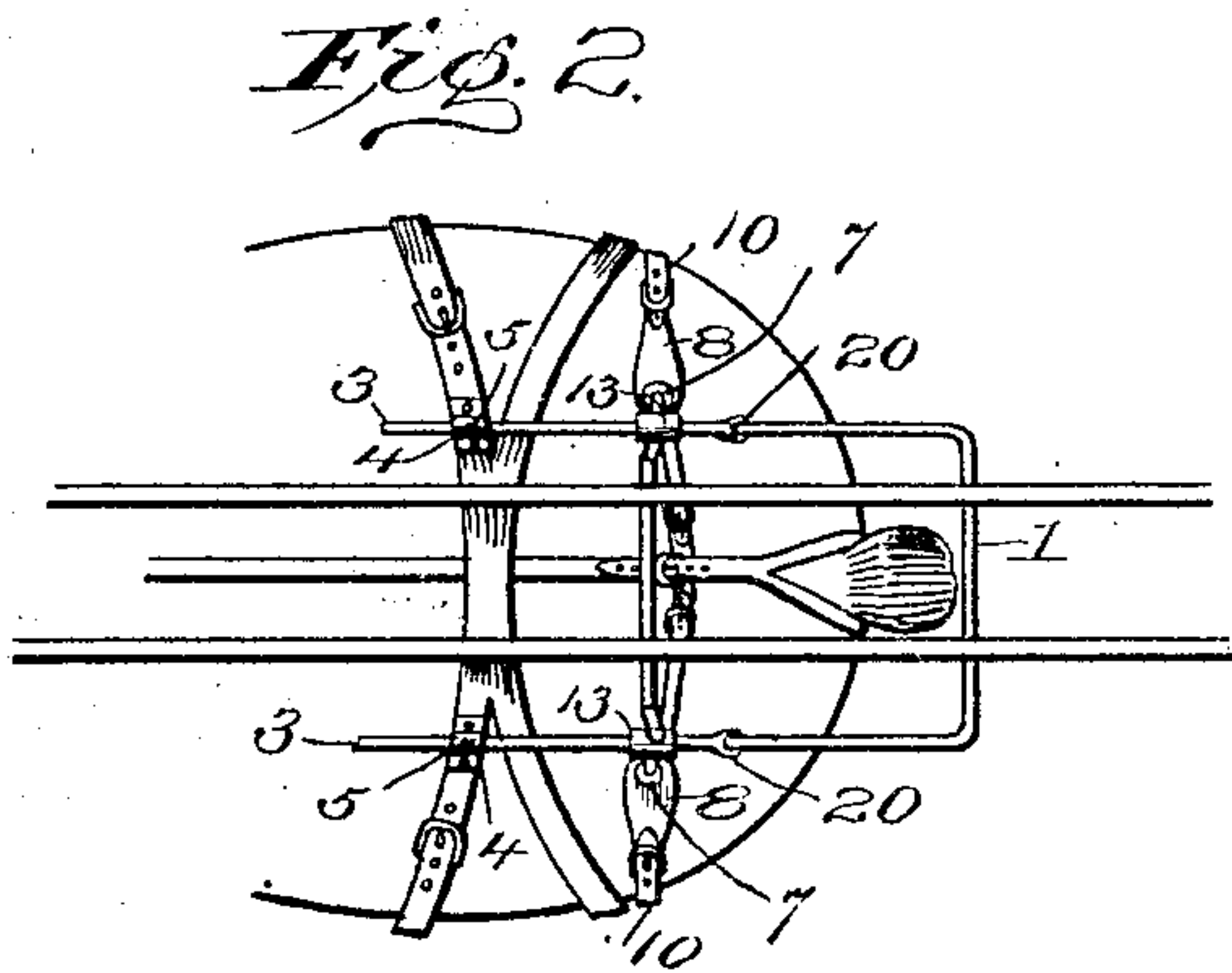
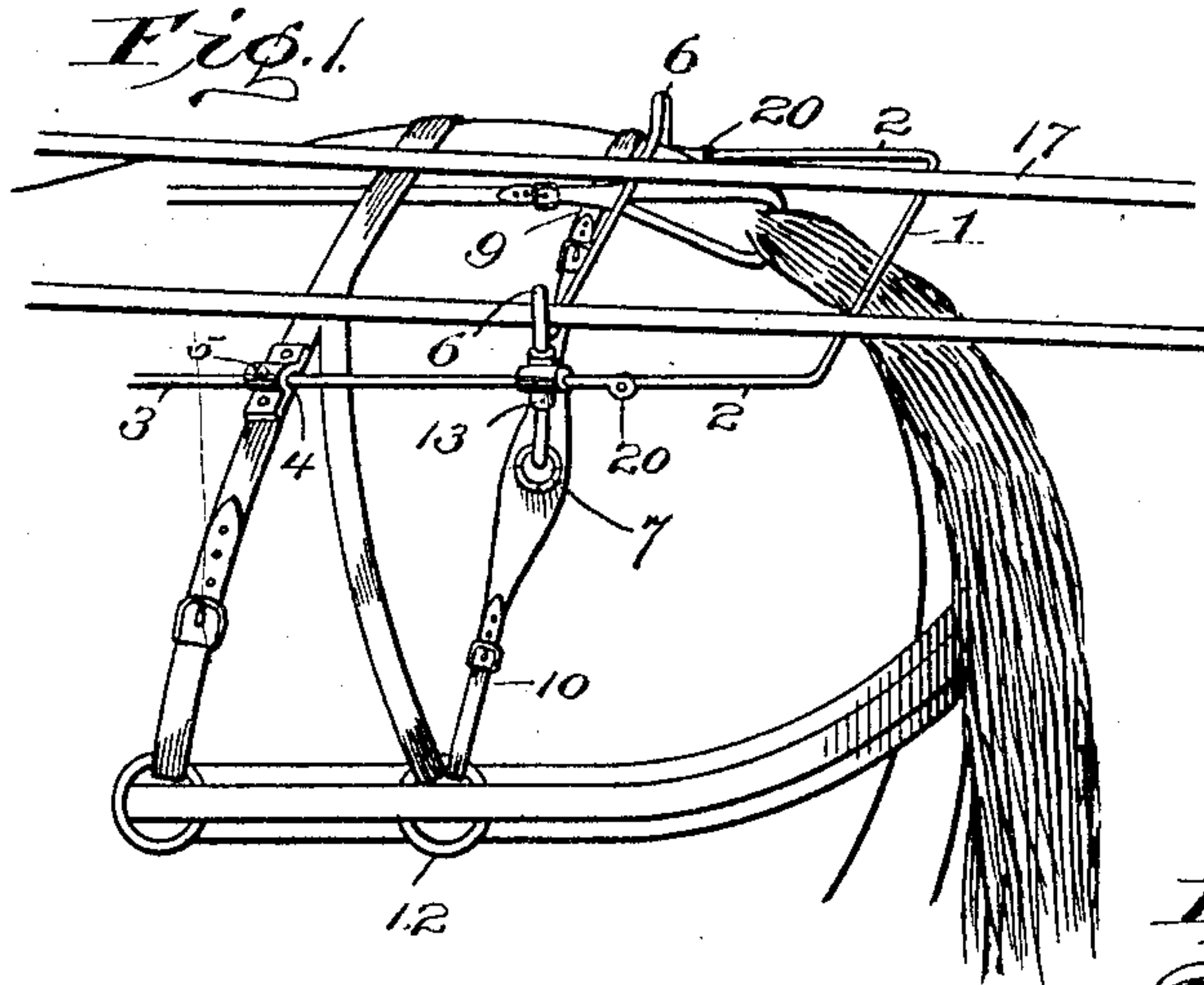


No. 876,139.

PATENTED JAN. 7, 1908.

G. W. BORN.  
REIN GUARD.

APPLICATION FILED MAY 9, 1907.



Witnesses  
*J. M. Fowler*  
*E. H. Giesbauer*

Inventor  
*George W. Born*

by *A. B. Wilson & Co*  
Attorneys



# UNITED STATES PATENT OFFICE.

GEORGE W. BORN, OF CHAMPAIGN, ILLINOIS.

## REIN-GUARD.

No. 876,139.

Specification of Letters Patent.

Patented Jan. 7, 1908.

Application filed May 9, 1907. Serial No. 372,745.

*To all whom it may concern:*

Be it known that I, GEORGE W. BORN, a citizen of the United States, residing at Champaign, in the county of Champaign and State of Illinois, have invented certain new and useful Improvements in Rein-Guards; and I do declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention relates to improvements in rein guards.

The object of the invention is to provide a guard of this character adapted to be adjustably secured to the back of a horse to prevent the driving reins from being caught beneath the animal's tail.

A further object is to provide a device of this kind which will be simple, strong and durable in construction, efficient and reliable in operation, and adapted to be quickly and easily secured to and adjusted on the back of a horse.

With these objects in view, the invention consists of certain novel features of construction, combination and arrangement of parts as will be more fully described and particularly pointed out in the appended claims.

In the accompanying drawings, Figure 1 is a perspective view showing the application of the invention; Fig. 2 is a top plan view of the same; and Fig. 3 is a detail sectional view with one of the rear supporting devices for the guard.

Referring more particularly to the drawings, 1 denotes the guard which consists of a rod bent midway between its ends to form an open rectangular frame, 2, which, when in position, projects rearwardly from the back of the horse, as shown. The forwardly projecting ends, 3, of the guard are adjustably supported at their forward ends in clips, 4, which are riveted or otherwise secured to the breeching strap of the harness. The clips 4 are provided with set screws, 5, by means of which the ends, 3, are adjustably secured or clamped to the clips, 4.

The ends, 3, are slidably mounted and further supported on upwardly projecting, outwardly curved supporting arms, 6, the lower end of each of which has a swivel or ball and socket connection, 7, with straps, 8, said straps being adjustably connected together

at their inner ends by a connecting strap, 9, which passes over or across the back of the horse beneath the crupper of the harness. The opposite ends of the straps, 8, are adjustably connected by straps, 10, to rings, 12, secured in the breeching of the harness, as shown. The ends 3 are adjustably connected to the arms 6 by a double clamping block, 13, having formed therein longitudinally disposed passages 14, through which the ends 3 are passed, and with vertically disposed passages, 15, through which the supporting arms 6 project. The passages 14 and 15 are arranged at right angles to and intersect each other midway between their ends so that when the blocks are engaged with the ends 3 and arms 6 they will cross and engage each other in the blocks. The ends 3 and arms 6 are held in adjustable engagement with the blocks to support the frame 2 at any desired position by means of clamping screws 16 which are screwed through threaded holes in the blocks and into engagement with the arms 6.

The swiveled connections 7 of the lower ends of the arms 6 consist of a socket member formed by a plate 17, having an outwardly bulged portion which forms a recess or socket and has arranged therein a hole through which the arm 6 passes, said arm having on its lower end a ball 18 to work in said socket. A wear plate 19 is arranged on the straps 8 in the sockets, with which the ball 18 is engaged. The plates 17 of the sockets are riveted or otherwise connected to the straps, 8.

The ends 3 of the frame are formed in two parts, which are connected together by a rule joint hinge, 20, whereby the rear portion of the frame is adapted to be folded over onto the forward ends 3 of the same. After the ends 3 have been adjusted to bring the frame 2 to the desired position, that part of the ends 3 which projects beyond the clip, 4, is cut off flush with the forward end of the clip, thereby removing any projection or obstruction which might catch the tail of the horse.

By providing a rein guard constructed as herein shown and described, the driving reins will be supported in position above the back of the horse and prevented from being caught beneath the tail of the animal.

From the foregoing description, taken in connection with the accompanying draw-

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ings, the construction and operation of the invention may be readily understood without requiring a more extended explanation.

Various changes in the form, proportion and the minor details of construction may be resorted to without departing from the principle or sacrificing any of the advantages of this invention as defined in the appended claims.

10 Having thus fully described my invention, what I claim as new and desire to secure by Letters-Patent, is:

1. A rein guard comprising a rectangular frame, forwardly projecting arms hingedly connected to said frame, means to support the rear ends of said arms in vertical adjustment, and means to secure the forward ends of said arms in longitudinal adjustment on the harness, substantially as described.

20 2. A rein guard comprising a rectangularly shaped, longitudinally adjustable frame, forwardly projecting arms on said frame, means to adjustably secure the forward ends of said arms to the harness, swiveled supporting bars, and means to adjustably connect the rear ends of said arms with said bars, substantially as described.

3. A rein guard comprising an open frame having hinged forwardly projecting supporting arms, a clip to hold the forward ends of said arms, clamping screws to adjustably secure said ends in said clips, supporting

straps adapted to be secured to the harness over the back of the horse, supporting bars having a swivel connection at their lower ends with said straps and adjustably mounted connecting devices arranged on said supporting bars, whereby the rear portions of said arms and said frame are raised and lowered above the back of the horse, substantially as described.

4. A rein guard comprising an open frame having hinged forwardly projecting supporting arms or ends, a clip to hold the forward ends of said arms, set screws to adjustably secure said ends in said clips, supporting straps adapted to be secured to the harness and over the back of the horse, supporting bars having a swivel connection at their lower ends with said strap, clamping blocks arranged on said supporting arms or bars and adapted to receive the arms or ends of said frame, and clamping screws to adjustably clamp said sleeves to said supporting arms and to hold said ends or arms of the frame in adjustable engagement therewith, substantially as described.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

GEORGE W. BORN.

Witnesses:

RALPH M. CAMPBELL,  
L. L. CAMPBELL.